

**BILL OF MATERIALS**

LUMBER						
NAME	SIZE (in.)	GRADE	RETENTION	TREATMENT	FINISH	TIMBER TYPE
ABUTMENT PILE	10" BUTT		.80	CCA		SYP
WING WALL PILE	8"		.80	CCA		SYP
PED GUIDERAIL POST	6x6	#1 DENSE	.40	CCA	S4S	SYP
PED GUIDERAIL POST BLOCK	6x6x20	#2	.60	CCA	S4S	SYP
BLOCKING	4x8	#2	.60	CCA	ROUGH SAWN	SYP
TOP RAIL	4x10	#1 DENSE	.60	CCA	S4S	SYP
CURB	6x6	#1 DENSE	.60	CCA	S4S	SYP
CURB BLOCK	4x6x18	#1 DENSE	.60	CCA	S4S	SYP
DECKING	2x8	#1 DENSE	.60	CCA	S4S	SYP
KICKER	4x8	#1 DENSE	.60	CCA	S4S	SYP
HORIZONTAL RAILS	2x4	#1 DENSE	.60	CCA	S4S	SYP

HARDWARE				
NAME	SIZE (IN.)	SS	H.D.G.	NOTE
SCREW	#12x4.5, #10x3	YES		
HEX BOLT (2DW,1LW,1N)	3/8"x14", 26"		YES	
HEX BOLT (2DW,1LW,1N)	3/4"x12, 16, 18, 20		YES	
HEX BOLT (2DW,1LW,1N)	1"x24"		YES	
TIMBER BOLT (2DW,1LW,1N)	5/8"x8", 12", 14", 24"		YES	
CARRIAGE BOLT (1DW,1LW,1N)	3/8"x14"		YES	
LAG BOLT (1FW)	3/4"x8"		YES	
D-7273 ANGLE BRACKET	1/2"x4"x12"x6"		YES	
D-9573 ANGLE BRACKET	3/8"x4"x4"x4"		YES	
POST CAP	6"x6"x6"			
STRAP	MTS16-Z, MSTA18-Z		YES	SIMPSON STRONG TIE
NAILS	40D		YES	

GLULAM BEAM							
NAME	SIZE	CAMBER	GRADE	RETENTION	TREATMENT	FINISH	TIMBER MATERIAL
GLULAM STRINGER	12.75"x20"x55'	1200	24F V4	.60	CCA OR TYPE C PENTA	INDUSTRIAL GRADE	SYP/ OR DOUGLAS FIR

FINISHES			
TYPE	COLOR	DESCRIPTION	APPLIED
SEALANT	N/A		NO
EPOXY/AGGREGATE	N/A		NO

NOTE: ALL ITEMS INCLUDED IN THE BILL OF MATERIALS TO THE RIGHT ARE INCLUDED WITH AND BEING PAID AS IDOT CODED ITEM XX008287, BOARDWALK STRUCTURE.

THIS SHEET SIZE IS 22"x34" ANYTHING SMALLER IS A REDUCTION

ENGINEER:	LICENSED:	REVISIONS			PROJECT DESCRIPTION		HIGGINS BIKE PATH PROJECT	
		REV	DATE	DESCRIPTION	TIMBER PEDESTRIAN BRIDGE		HOFFMAN ESTATES, IL	
					DESIGNED LOADING		BILL OF MATERIALS	
					85-PSF OR 5 TON GVW (L/360 DEFLECTION)		DATE	DRAWN BY:
			APPROVED BY:	DATE APPROVED:	4/6/11	D. MATTHEWS	209031	47 of 86 003